

## EAST Search History

| Ref # | Hits   | Search Query   | DBs  | Default Operator | Plurals | Time Stamp          |
|-------|--------|--|--|------------------|---------|---------------------|
| S1    | 4810   | saiki.in.  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR               | ON      | 2007/12/19<br>12:27 |
| S2    | 134    | shintoku.in.   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR               | ON      | 2007/12/14<br>16:52 |
| S3    | 24971  | baba.in.   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR               | ON      | 2007/12/14<br>16:52 |
| S4    | 1859   | shimo.in.  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR               | ON      | 2007/12/14<br>16:52 |
| S5    | 10664  | murase.in.   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR               | ON      | 2007/12/14<br>16:53 |
| S6    | 114390 | yamaguchi.in.  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR               | ON      | 2007/12/14<br>16:53 |
| S7    | 73359  | yamashita.in.  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR               | ON      | 2007/12/14<br>16:53 |
| S8    | 228263 | S1 S2 S3 S4 S5 S6 S7   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR               | ON      | 2007/12/14<br>16:53 |
| S9    | 20     | S8 and (coating same sliding same binder)  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR               | ON      | 2007/12/20<br>07:41 |
| S10   | 13     | ((("4724251") or ("4626365") or ("6500537") or ("20030072969") or ("20020039640") or ("6524661"))).PN. | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR               | OFF     | 2007/12/14<br>17:09 |
| S11   | 423    | 106/400.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR               | ON      | 2007/12/19<br>12:28 |
| S12   | 191    | 508/108.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR               | ON      | 2007/12/19<br>12:28 |

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| S13 | 0    | 252/12,12.2,12.4.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON | 2007/12/19<br>12:28 |
| S14 | 0    | 252/12.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON | 2007/12/19<br>12:28 |
| S15 | 0    | 252/12.2.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON | 2007/12/19<br>12:28 |
| S16 | 0    | 252/12.4.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON | 2007/12/19<br>12:28 |
| S17 | 0    | 252/25.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON | 2007/12/19<br>12:29 |
| S18 | 493  | 525/104.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON | 2007/12/19<br>12:29 |
| S19 | 205  | 525/180.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON | 2007/12/19<br>12:29 |
| S20 | 735  | 525/184.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON | 2007/12/19<br>12:29 |
| S21 | 1998 | S11 S12 S18 S19 S20  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON | 2007/12/19<br>12:29 |
| S22 | 131  | S21 and ((coating or (sliding near part)) same ((titanium near oxide) or "TiO.sub.2" or titania or TiO2))  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON | 2007/12/19<br>12:36 |
| S23 | 108  | S21 and ((coating or (sliding near part)) same ((titanium near oxide) or "TiO.sub.2" or titania or TiO2)) and (resin or polyimide or polyamide)                                | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON | 2007/12/19<br>12:36 |
| S24 | 52   | S21 and ((coating or (sliding near part)) same ((titanium near oxide) or "TiO.sub.2" or titania or TiO2)) and (polyimide or polyamide)   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON | 2007/12/19<br>12:36 |
| S25 | 15   | S21 and ((coating or (sliding near part)) same ((titanium near oxide) or "TiO.sub.2" or titania or TiO2)) and (polyimide or polyamide) and ("PTFE" or polytetrafluoroethylene) | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON | 2007/12/19<br>13:44 |

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| S26 | 3    | ("6500537").PN.  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | OFF | 2007/12/19<br>14:07 |
| S27 | 1    | S26 and titanium   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON  | 2007/12/19<br>12:49 |
| S28 | 1    | S26 and ((coupling near agent) or silnae)  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON  | 2007/12/19<br>12:49 |
| S29 | 1    | S26 and ((coupling near agent) or silane)  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON  | 2007/12/19<br>12:54 |
| S30 | 1    | S26 and ((coupling near agent) or silane) and (polymer near10 viscosity)   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON  | 2007/12/19<br>12:56 |
| S31 | 0    | S26 and ((titanium or titania) near5 (content or weight or amount))  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON  | 2007/12/19<br>12:56 |
| S32 | 1    | S26 and (((coupling near agent) or silane) near10 (amount or content or weight))   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON  | 2007/12/19<br>13:42 |
| S33 | 9098 | (coating or (sliding near parts)) with ("TiO.sub.2" or TiO2 or titania or (titanium near oxide)) with (content or amount or weight)          | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON  | 2007/12/19<br>13:46 |
| S34 | 9    | (sliding near (part or parts)) with ("TiO.sub.2" or TiO2 or titania or (titanium near oxide)) with (content or amount or weight)             | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON  | 2007/12/19<br>13:55 |
| S35 | 6    | S25 not pigment  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON  | 2007/12/19<br>13:57 |
| S36 | 2887 | (titanium near oxide) same (wear or seizure or smoothness or smooth)   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON  | 2007/12/19<br>14:03 |
| S37 | 17   | ((titanium near oxide) same (wear or seizure or smoothness or smooth)) and (sliding near (part or parts))                                    | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON  | 2007/12/19<br>14:05 |
| S38 | 4    | ((titanium near oxide) same (amount or content or weight) same (wear or seizure or smoothness or smooth)) and (sliding near (part or parts)) | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON  | 2007/12/19<br>14:05 |

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| S39 | 13     | ("4544720"   "5059720"  <br>"5304617"   "5374683"  <br>"5570593"   "5670593"  <br>"5750626"   "5869574"  <br>"5986150"   "6054537"  <br>"6069215"   "6225399").PN. OR<br>("6500537").URPN.                  | US-PGPUB;<br>USPAT; USOCR                          | OR | ON  | 2007/12/19<br>14:07 |
| S40 | 2      | S39 and (titanium near oxide)   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON  | 2007/12/19<br>14:08 |
| S41 | 3      | S39 and (titania or "TiO.sub.2" or<br>TiO2 or (titanium near oxide))  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON  | 2007/12/19<br>14:09 |
| S42 | 2      | ("20040224856").PN.   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | OFF | 2007/12/20<br>07:41 |
| S43 | 1      | S42 and (titanium near oxide) and<br>polytetrafluoroethylene and<br>(coupling near agent) and based   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON  | 2007/12/20<br>07:42 |
| S44 | 1      | ((wear or seizure) near5<br>(resistance or resistant) same<br>(polytetrafluoroethylene or<br>"PTFE")) and<br>((polytetrafluoroethylene or<br>"PTFE") same (titania or (titanium<br>adj oxide)) same silane) | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON  | 2008/03/04<br>14:33 |
| S45 | 180517 | (wear or seizure) near5 (resistant<br>or resistance)  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON  | 2008/03/04<br>14:34 |
| S46 | 428    | 106/400.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON  | 2008/03/04<br>14:34 |
| S47 | 191    | 508/108.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON  | 2008/03/04<br>14:34 |
| S48 | 495    | 525/104.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON  | 2008/03/04<br>14:34 |
| S49 | 206    | 525/180.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON  | 2008/03/04<br>14:34 |
| S50 | 737    | 525/184.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON  | 2008/03/04<br>14:34 |

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| S51 | 2007 | S46 S47 S48 S49 S50  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON  | 2008/03/04<br>14:34 |
| S52 | 153  | S51 and S45  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON  | 2008/03/04<br>14:34 |
| S53 | 46   | S52 and ((polytetrafluoroethylene or "PTFE") same (composition or coating or film))  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON  | 2008/03/04<br>14:35 |
| S54 | 11   | S53 and (titania or (titanium adj oxide))  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON  | 2008/03/04<br>14:35 |
| S55 | 3    | ("6500537").PN.  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | OFF | 2008/07/02<br>15:48 |
| S56 | 1    | S55 and film   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON  | 2008/07/02<br>15:48 |
| S57 | 5339 | (polyimide or ("polyamide-imide" or "polyamide imide" or (polyamide near imide))) with binder  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON  | 2008/07/02<br>16:41 |
| S58 | 1738 | (polyimide or ("polyamide-imide" or "polyamide imide" or (polyamide near imide))) near5 binder                                       | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON  | 2008/07/02<br>16:44 |
| S59 | 737  | (polyimide or ("polyamide-imide" or "polyamide imide" or (polyamide near imide))) near5 binder near resin                            | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON  | 2008/07/02<br>17:02 |
| S60 | 11   | (polyimide or ("polyamide-imide" or "polyamide imide" or (polyamide near imide))) near5 (binder near resin) and (sliding near2 part) | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON  | 2008/07/02<br>17:26 |
| S61 | 2    | JP-01255798-\$.did.  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON  | 2008/07/03<br>08:26 |

7/ 3/ 2008 8:39:23 AM

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